

Title (en)
TENSIONING ELEMENT

Title (de)
SPANNELEMENT

Title (fr)
ÉLÉMENT DE TENSION

Publication
EP 2437998 A4 20130522 (EN)

Application
EP 10783646 A 20100531

Priority
• SE 2010000146 W 20100531
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Abstract (en)
[origin: WO2010140947A1] The invention relates to a tensioning element for setting braking force in a swing damper, wherein the tensioning element (100) is mounted centrally on a swing joint (B) in order to exert force on a brake arrangement (50) so as to result in swing damping. The tensioning element (100) includes a pin (110) serving for the suspension of an accessory (4) to be subjected to swing damping, a sleeve (130) displaceable along a shoulder (111) on the pin (110) in order to activate the brake arrangement (50), an adjusting screw (140) designed to exert axial displacement force on the sleeve (130) via a spring assembly (143), a nut (160) for adjusting the tightening force of the adjusting screw (140) and a locking element (170) which eliminates rotational movement of the screw (140) relative to the pin (110).

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B66C 3/005 (2013.01 - EP SE); **B66C 3/20** (2013.01 - EP); **B66C 13/06** (2013.01 - EP SE)

Citation (search report)
• [I] WO 0073195 A1 20001207 - INDEXATOR AB [SE], et al
• [A] DE 202008012665 U1 20081224 - INVENT UMWELT & VERFAHRENSTECH [DE]
• [A] US 2009116930 A1 20090507 - REIMLER JAMES L [US]
• [A] US 3493026 A 19700203 - DONOFRIO FRANK C, et al
• [A] JP H06330926 A 19941129 - KOYO SEIKO CO
• [A] US 4149758 A 19790417 - LIVESAY RICHARD E
• [A] US 6264013 B1 20010724 - HODGINS J KEVIN [CA]
• [A] US 5730430 A 19980324 - HODSON RAYMOND WILLIAM [US], et al
• [A] US 5713688 A 19980203 - MCCALLUM DENNIS L [US]
• [A] WO 2004031067 A1 20040415 - INDEXATOR AB [SE], et al
• [A] GB 791163 A 19580226 - HAROLD RAYMOND MORGAN
• See references of WO 2010140947A1

Cited by
US2013284546A1; US9067764B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
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